

INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

U.S. PATENT & TRADEMARK OFFICE

Sheet 1 of 6

SEP 22 2003

Application Number: 10/646,527  
 Filing Date: August 22, 2003  
 First Named Inventor: Kenneth COLLINS, et al.  
 Group Art Unit: Unknown 1763  
 Examiner Name: Unknown A FRANCIBITO  
 Attorney Docket Number: 008401 07

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
WJC	US-2,344,138	03-14-1944	DRUMMOND	117	107	05-20-1940
	US-3,109,100	10-29-1963	GECEWICZ	250	219	05-19-1960
	US-3,576,685	04-27-1971	SWANN ET AL.	148	187	03-15-1968
	US-3,907,616	09-23-1975	WIEMER	148	188	08-16-1974
	US-4,116,791	09-26-1978	ZEGA	204	192	05-18-1977
	US-4,382,099	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
	US-4,385,946	05-31-1983	FINEGAN ET AL.	148	175	06-19-1981
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
WJC	EP 0 546 852 A1	16.06.1993	EUROPE	CHARLES ZAROWIN ET AL.	N/A
	EP 0 836 218 A2	15.04.1998	EUROPE	SERGIO EDELSTEIN ET AL.	N/A
	EP 0 964 074 A2	15.12.1999	EUROPE	ALEC DENHOLM ET AL.	N/A
	EP 1 111 084 A1	27.06.2001	EUROPE	JAMES BERNSTEIN ET AL.	N/A
↓	EP 1 191 121 A1	27.03.2002	EUROPE	MICHELANGELO DELFINO	N/A

NON PATENT LITERATURE DOCUMENTS

WJC	Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," <i>Rev. Sci. Instrum.</i> , Vol. 69, No. 1, pp. 101-108, January 1998.
WJC	U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature: *Maureen Franc* Date Considered: 1/3/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
Sheet 2 of 6

Application Number: 10/646,527  
Filing Date: August 22, 2003  
First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: Unknown 1763  
Examiner Name: Unknown AKANCIBIA  
Attorney Docket Number: 008401 07

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
	US-4,521,441	06-04-1985	FLOWERS	427	38	12-19-1983
	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
	US-4,565,588	01-21-1986	SEKI ET AL.	148	186	10-10-1984
	US-4,698,104	10-06-1987	BARKER ET AL.	437	141	03-02-1987
	US-4,764,394	08-16-1988	CONRAD	427	38	01-20-1987
	US-4,778,561	10-18-1988	GHANBARI	156	643	10-30-1987
	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	09-15-1988
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	US-4,948,458	08-14-1990	OGLE	156	643	08-14-1990
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#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Non Patent Literature Document

Examiner's Signature: Malmeen J. Aram

Date Considered: 1/3/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Sheet 3 of 6
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Application Number: 10/646,527  
 Filing Date: August 22, 2003  
 First Named Inventor: Kenneth COLLINS, et al.  
 Group Art Unit: Unknown 1703  
 Examiner Name: Unknown ARANCIBIA  
 Attorney Docket Number: 008401 07

#### U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-5,514,603	05-07-1996	SATO	437	16	05-06-1994
	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
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	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
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WJCA	WO 01/11650 A1	15.02.2001	WIPO	LEONARD MAHONEY ET AL.	N/A
WJCA	WO 02/25694 A2	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: Mameer J. Chawla

Date Considered: 11/3/06

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Sheet 4 of 6

Application Number: 10/646,527  
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First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: Unknown 1763  
Examiner Name: Unknown ARAN CEBIY  
Attorney Docket Number: 008401 07

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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	US-5,627,435	05-06-1997	JANSEN ET AL.	315	111.21	02-15-1996
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	US-5,718,798	02-17-1998	DEREGIBUS	156	429	04-10-1996
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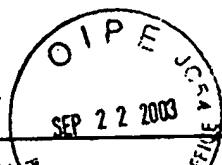
Examiner Initials	NON PATENT LITERATURE DOCUMENTS

Examiner's Signature: *Muneer & Clark*

Date Considered: 1/3/04

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Sheet 5 of 6

Application Number: 10/646,527  
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 First Named Inventor: Kenneth COLLINS, et al.  
 Group Art Unit: UNKNOWN 1763  
 Examiner Name: Unknown ARANCIBIA  
 Attorney Docket Number: 008401 07

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	NON PATENT LITERATURE DOCUMENTS

Examiner's Signature: Maureen O'Conor

Date Considered: 1/31/04

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>U.S. PATENT &amp; TRADEMARK OFFICE</small> Sheet 6 of 6		Application Number: 10/646,527 Filing Date: August 22, 2003 First Named Inventor: Kenneth COLLINS, et al. Group Art Unit: Unknown 1763 Examiner Name: Unknown ARANGEBIA Attorney Docket Number: 008401 07
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#### U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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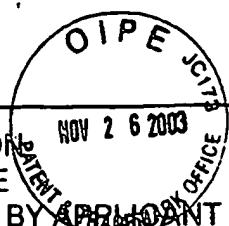
Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

Examiner's Signature: Matthew J. O'Boyle

Date Considered: 1/3/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	NOV 2 6 2003
Sheet 1 of 1	

Application Number: 10/646,527  
 Filing Date: August 22, 2003  
 First Named Inventor: Kenneth COLLINS, et al.  
 Group Art Unit: Unknown A763  
 Examiner Name: Unknown ARANCIBIA  
 Attorney Docket Number: 6915 P07

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Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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<i>V</i>	US-6,155,090	12-05-2000	RUBENSSON	70	367	10-30-1997
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Examiner's Signature: *Mayneen O'Donnell*

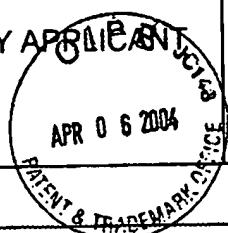
Date Considered: 1/3/06

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Sheet 1 of 1



Application Number: 10/646,527  
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 Group Art Unit: 1733-1763  
 Examiner Name: Unknown ARANCIBIA  
 Attorney Docket Number: 6915 P07

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

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Examiner's Signature: *Maurice O'Farrell* Date Considered: *1/3/04*

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MAY 28 2004

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First Named Inventor: Kenneth COLLINS, et al.  
Group Art Unit: 1733  
Examiner Name: Unknown  
Attorney Docket Number: 006915 P07

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WJH	US-5,074,456	12-24-1991	DEGNER ET AL.	228	121	09-18-1990
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	US-6,392,351 B1	05-21-2002	SHUNKO	315	111.51	05-03-1999
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: Maureen J. Francz

Date Considered: 1/3/07e

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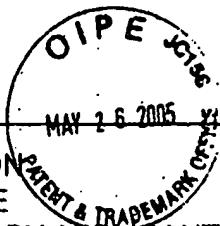
## U. S. PATENT DOCUMENTS

Examiner's Signature: Mameen J. Khan

Date Considered: 13/06

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MAX 26 2005 24

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Examiner Initials	NON-ATTENTIVE LITERATURE DOCUMENTS
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Examiner's Signature: Mameen Khan

Date Considered: 1/2/96

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U.S. PATENT & TRADEMARK OFFICE

Application Number: 10/646,527  
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First Named Inventor: Kenneth COLLINS, et al.  
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Examiner's Signature: Maureen G. Arancibia	Date Considered: 1/3/06
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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